

MJ Health Resource Center Biodata Database Variable Summary

This table will serve not only as a data summary, but also as a template for a list of requested variables to be submitted by the applicants along with other necessary documents (excel version). The details are as follows :

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3. Basic Information contains common covariates used in basic statistical analysis, they come with all data requests free-of-charge and will not count towards 100-variable limit.
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Exam Type	Variable Name		Format	Unit
Basic Information				
	onid		str15	
	yr		int	
	sex		byte	
	age		byte	
General Exam				
	g_hei	general exam - height	float	cm
	g_wei	general exam - weight	float	kg
	g_bmi	general exam - bmi	float	
	g_fat	general exam - body fat	float	%
	g_wc	general exam - waist circumference	float	cm
	g_hc	general exam - hip circumference	float	cm
	g_whr	general exam - waist-to-hip ratio	float	
	g_temp	general exam - body temperature	float	
	g_ac	general exam - abdominal circumference	int	cm
	g_sll	general exam - systolic blood pressure while lying down (left arm)	int	mmHg
	g_dll	general exam - diastolic blood pressure while lying down (left arm)	int	mmHg
	g_slr	general exam - systolic blood pressure while lying down (right arm)	int	mmHg
	g_dlr	general exam - diastolic blood pressure while lying down (right arm)	int	mmHg
	g_ssl	general exam - systolic blood pressure while sitting upright (left arm)	int	mmHg
	g_dsl	general exam - diastolic blood pressure while sitting upright (left arm)	int	mmHg
	g_ssr	general exam - systolic blood pressure while sitting upright (right arm)	float	mmHg
	g_dsr	general exam - diastolic blood pressure while sitting upright (right arm)	float	mmHg
	g_pul	general exam - pulse rate	float	beats/min
	g_rr	general exam - respiration rate	float	breaths/min(須確認)
	g_cc	general exam - chest circumference	float	cm
	g_cci	general exam - chest circumference during inspiration	float	cm
	g_ed	general exam - lower limb edema	int	
Complete Blood Count				
	cbc_leu	complete blood count - white blood cells	float	*10 ³ /μl
	cbc_ery	complete blood count - red blood cells	float	*10 ⁶ /μl

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	cbc_hemo	complete blood count - hemoglobin	float	g/dl
	cbc_hema	complete blood count - hematocrit	float	%
	cbc_mcv	complete blood count - mean corpuscular volume	float	fl
	cbc_mch	complete blood count - mean corpuscular hemoglobin	float	pg
	cbc_mchc	complete blood count - mean corpuscular hemoglobin concentration	float	g/dl
	cbc_rdw	complete blood count - RBC Distribution Width	float	%
	cbc_pla	complete blood count - platelets	int	*10 ³ /μl
White Blood Cells Differential Count				
	wbc_n	white blood cells differential count - neutrophils	float	%
	wbc_l	white blood cells differential count - lymphocytes	float	%
	wbc_m	white blood cells differential count - monocytes	float	%
	wbc_e	white blood cells differential count - eosinophils	float	%
	wbc_b	white blood cells differential count - basophils	float	%
Diabetes				
	dm_fg	diabetes - fasting blood glucose	float	mg/dl
	dm_fg2	diabetes - repeat fasting blood glucose	float	mg/dl
	dm_g	diabetes - blood glucose 2 hours after meal	float	mg/dl
Liver Function				
	lf_tb	liver function - total bilirubin	float	mg/dl
	lf_db	liver function - direct bilirubin	float	mg/dl
	lf_tp	liver function - total protein	float	g/dl
	lf_alb	liver function - albumin	float	g/dl
	lf_ag	liver function - albumin/globulin ratio	float	
	lf_glo	liver function - globulin	float	g/dl
	lf_alp	liver function - alkaline phosphatase	float	IU/L
	lf_got	liver function - serum glutamic-oxaloacetic transaminase (sGOT)	int	IU/L
	lf_gpt	liver function - serum glutamic-pyruvic transaminase (sGPT)	float	IU/L
	lf_ggt	liver function - gamma-glutamyl transferase (GGT)	int	IU/L
	lf_ldh	liver function - lactate dehydrogenase	float	IU/L
Renal Function				
	rf_bun	renal function - blood urea nitrogen	float	mg/dl

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Exam Type	Variable Name		Format	Unit
	rf_cre	renal function - creatinine	float	mg/dl
	rf_egfr	renal function - estimated glomerular filtration rate	int	ml/min/1.73m ²
Uric Acid				
	ua_ua	uric acid - uric acid	float	mg/dl
Blood Lipid				
	l_tg	blood lipid - triglyceride	float	mg/dl
	l_chol	blood lipid - cholesterol	float	mg/dl
	l_hdlc	blood lipid - HDL cholesterol	float	mg/dl
	l_ldlc	blood lipid - LDL cholesterol	float	mg/dl
	l_ch	blood lipid - CHOL/HDLC	float	
Calcium Phosphorus and Iron				
	cpi_ca	calcium phosphorus iron - calcium	float	mg/dl
	cpi_p	calcium phosphorus iron - phosphorus	float	mg/dl
	cpi_fe	calcium phosphorus iron - iron	float	µg/dl
	cpi_tibc	calcium phosphorus iron - total iron binding capacity	float	µg/dl
	cpi_ts	calcium phosphorus iron - transferrin saturation	float	%
Electrolyte/Enzyme				
	ee_amy	electrolyte/enzyme - amylase	int	
	ee_cpk	electrolyte/enzyme - creatine phosphokinase	float	
	ee_na	electrolyte/enzyme - sodium	int	
	ee_k	electrolyte/enzyme - potassium	float	
	ee_cl	electrolyte/enzyme - chlorine	int	
Hepatitis B				
	isd_hbagsv	infectious diseases - hepatitis B surface antigen value	float	
	isd_hbabsv	infectious diseases - hepatitis B surface antibody value	float	
	isd_hbabcv	infectious diseases - hepatitis B core antibody value	float	
Tumor Marker				
	tu_afp	tumor marker - alpha-fetoprotein	float	ng/ml
	tu_cea	tumor marker - carcinoembryonic antigen	float	ng/ml
Thyroid Function				
	tf_t3	thyroid function - triiodothyronine	float	

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	tf_t4	thyroid function - thyroxine	float	µg/dl
	tf_ft4	thyroid function - free thyroxine	float	ng/dl
	tf_tsh	thyroid function - thyroid stimulating hormone	float	µIU/ml
Tissue Inflammation Screening				
	i_crp	tissue inflammation screening - c-reactive protein	float	mg/dl
	i_rafo	tissue inflammation screening - rheumatoid arthritis factor (old)	int	
	i_raf	tissue inflammation screening - rheumatoid arthritis factor	float	
Syphilis Test				
	isd_syrpr	syphilis test - rapid plasma reagin test	int	
	isd_sytpa	syphilis test - treponema pallidum hemagglutination assay	int	
Blood Group				
	bg_type	blood group - blood type	int	
	bg_rh	blood group - rh factor	int	
Urinalysis				
	ur_leu	urinalysis - white blood cells	int	
	ur_app	urinalysis - appearance	int	
	ur_pro	urinalysis - protein	int	
	ur_glu	urinalysis - glucose	int	
	ur_bil	urinalysis - bilirubin	int	
	ur_urob	urinalysis - urobilinogen	int	
	ur_ob	urinalysis - occult blood	int	
	ur_ket	urinalysis - ketones	int	
	ur_nit	urinalysis - nitrite	int	
	ur_sg	urinalysis - specific gravity	float	
	ur_ph	urinalysis - pH value	float	
	ur_sdrlo	urinalysis - sediment red blood cells low	int	/HPF
	ur_sdrhi	urinalysis - sediment red blood cells high	int	/HPF
	ur_sdwlo	urinalysis - sediment white blood cells low	int	/HPF
	ur_sdwhi	urinalysis - sediment white blood cells high	int	/HPF
	ur_sdeplo	urinalysis - sediment epithelial cells low	int	/HPF
	ur_sdephi	urinalysis - sediment epithelial cells high	int	/HPF

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Exam Type	Variable Name	Format	Unit
	ur_sdcalo	urinalysis - sediment casts lower limit	int /LPF
	ur_sdcaup	urinalysis - sediment casts upper limit	int /LPF
	ur_sdbac	urinalysis - sediment bacteria	float
	ur_ot	urinalysis - others	int
Colorectal Cancer Screening			
	cr_stool	colorectal cancer screening - stool	int
Abdominal Sonography			
	as_liverus	abdominal sonography - liver ultrasound	int
	as_idu	abdominal sonography - intrahepatic duct ultrasound	int
	as_cbdu	abdominal sonography - common bile duct ultrasound	int
	as_gall	abdominal sonography - gallbladder ultrasound	int
	as_kid	abdominal sonography - kidney ultrasound	int
	as_hpv	abdominal sonography - hepatic portal vein ultrasound	int
	as_pan	abdominal sonography - pancreas ultrasound	int
	as_spl	abdominal sonography - spleen ultrasound	int
X-ray			
	x_che	x-ray - chest x ray	int
	x_kub	x-ray - abdominal x ray (KUB)	int
	x_ugi	x-ray - upper GI series	int
Electrocardiogram			
	ekg_ekg	EKG	int
Ear Nose and Throat			
	ent_ear	ear nose and throat - ears	int
	ent_nose	ear nose and throat - nose	int
	ent_thr	ear nose and throat - throat	int
	ent_np	ear nose and throat - nasopharynx	int
	ent_op	ear nose and throat - oropharynx	int
	ent_neck	ear nose and throat - neck	int
Pulmonary Function			
	pf_fvc	pulmonary function - forced vital capacity	float 1
	pf_fev1	pulmonary function - forced expiratory volume in 1second	float 1

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	pf_mmf	pulmonary function - maximum midexpiratory flow	float	l/s
Audiometry				
	au_l	audiometry - left ear	float	dB
	au_r	audiometry - right ear	float	dB
Vision				
	vi_sle	vision - slit-lamp exam	int	
	vi_vanr	vision - visual acuity (naked right eye)	float	
	vi_vacr	vision - visual acuity (corrected right eye)	float	
	vi_vanl	vision - visual acuity (naked left eye)	float	
	vi_vacl	vision - visual acuity (corrected left eye)	float	
	vi_color	vision - colorblindness test (color discrimination)	int	
	vi_stra	vision - strabismus	int	
	vi_ast	vision - astigmatism	int	
	vi_tonl	vision - tonometry - intraocular pressure (left eye)	float	mmHg
	vi_tonr	vision - tonometry - intraocular pressure (right eye)	int	mmHg
Gynecology				
	gy_pap	gynecology - pap smear	int	None
Bone Mineral Density				
	bmd_bmd	bone mineral density screening - bone mineral density	float	
	bmd_loc	bone mineral density screening - location	int	
	bmd_bmds	bone mineral density screening - bone mineral density screening	float	1996-2000 mg/cm ² ;2001-2005 g/cm ² ;variable no longer used after
	bmd_bmda	bone mineral density screening - bone mineral density analysis	int	