

S6 Table: The proportion of the estimated total health R&D funding (2015–2016) by the 22 GBD disease categories, compared to those of Japan's and global DALYs in 2016.

GBD disease groups at level 1	GBD disease groups at level 2	% of total funding	Japan		Global	
			% of total DALYs	p-value	% of total DALYs	p-value
Communicable, maternal and neonatal conditions and nutritional deficiencies	1. HIV/AIDS and sexually transmitted infections	0.2	0.1	1.00	2.8	<0.001
	2. Respiratory infections and tuberculosis	4.0	3.5	1.00	6.6	0.08
	3. Enteric infections	0.6	0.2	1.00	3.8	<0.001
	4. Neglected tropical diseases and malaria	1.7	0.0	<0.01	2.5	1.00
	5. Other infectious diseases	3.5	0.3	<0.001	2.4	0.93
	6. Maternal and neonatal disorders	0.5	1.4	0.46	8.1	<0.001
	7. Nutritional deficiencies	0.0	0.8	0.15	2.4	<0.001
Non-communicable diseases	8. Neoplasms	28.5	19.2	<0.001	9.2	<0.001
	9. Cardiovascular diseases	8.0	14.8	<0.001	14.5	<0.001
	10. Chronic respiratory diseases	1.5	3.9	0.02	4.4	<0.01
	11. Digestive diseases	7.7	3.1	<0.001	3.4	<0.001
	12. Neurological disorders	12.1	8.9	0.24	4.4	<0.001
	13. Mental disorders	5.1	6.1	1.00	4.8	1.00
	14. Substance use disorders	0.2	0.9	0.46	1.7	<0.05
	15. Diabetes and kidney diseases	2.0	4.1	0.11	4.1	0.07
	16. Skin and subcutaneous diseases	1.9	2.2	1.00	1.7	1.00
	17. Sense organ diseases	2.8	4.5	0.45	2.6	1.00
	18. Musculoskeletal disorders	1.0	11.9	<0.001	5.4	<0.001
	19. Other non-communicable diseases	10.1	3.7	<0.001	4.9	<0.001
Injuries	20. Transport injuries	0.0	1.6	<0.05	3.0	<0.001
	21. Unintentional injuries*	8.5	6.1	0.43	4.3	<0.01
	22. Self-harm and interpersonal violence	0.1	3.0	<0.001	2.9	<0.001

\* Unintentional injuries do not include transport injuries. Other infectious diseases include meningitis, encephalitis, diphtheria, whooping cough, tetanus, measles, varicella and herpes zoster, acute hepatitis, and other unspecified infectious diseases; other non-infectious diseases include congenital birth defects, urinary diseases and male infertility, gynecological diseases, hemoglobinopathies and hemolytic anemias, endocrine, metabolic, blood, and immune disorders, oral disorders, and sudden infant death syndrome.