





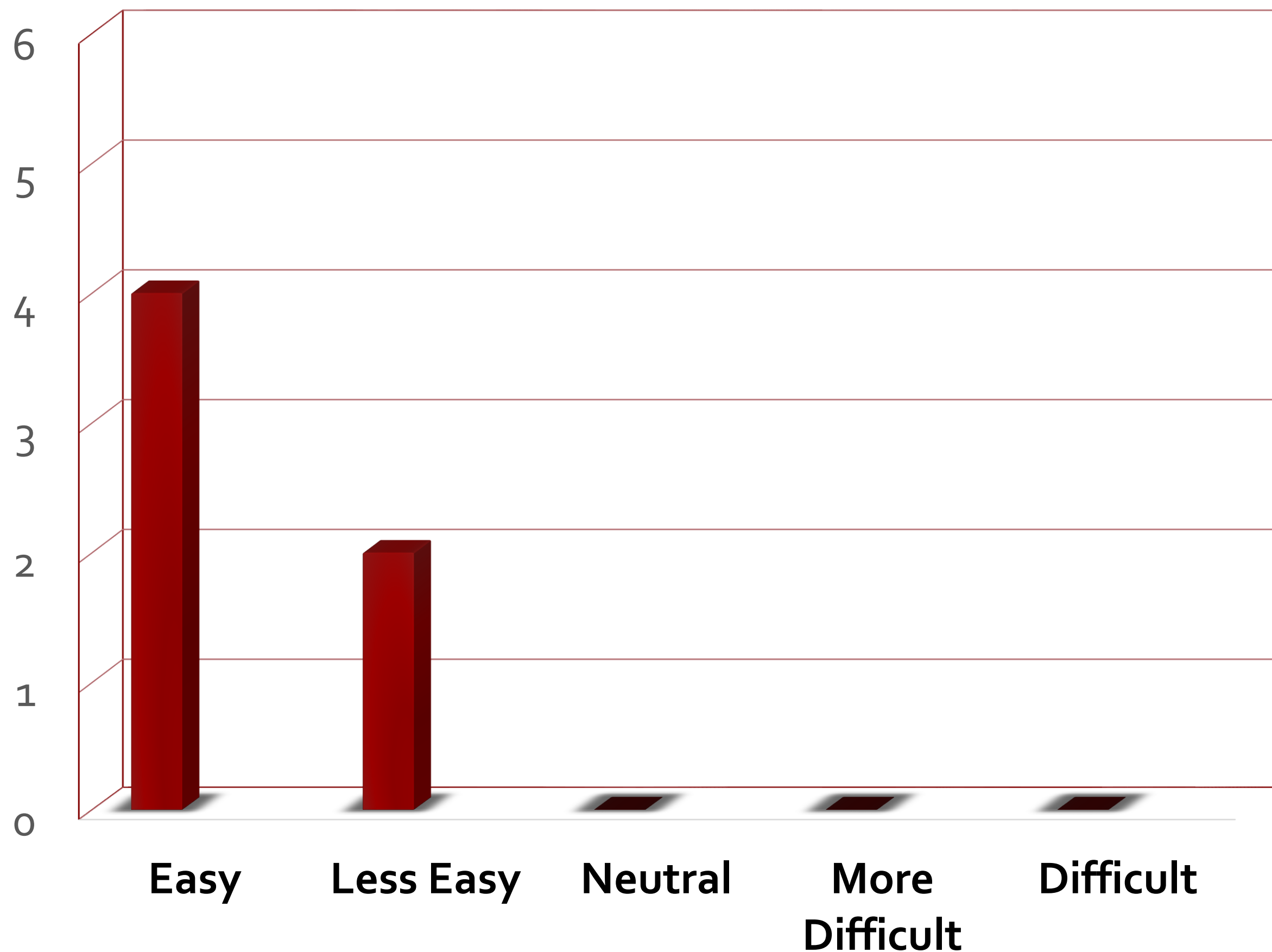


BACKGROUND		AWARDED PROJECTS				SUCCESSES OF THIS COLLABORATION																																						
<p>The Stanford- AstraZeneca Collaboration, is a multiyear strategic collaboration intended to address major health care challenges and provide funding to Stanford investigators to support their research initiatives. The focuses include: cardio-metabolic and respiratory diseases, oncology, mobile health (mHealth), innovations in clinical trial design and operations, big data and novel data analytics approaches, and innovative education and training initiatives.</p> <p>Primary Aims:</p> <p>1) Leverage digital health and information technology to improve the delivery, quality, and costs of healthcare</p> <p>2) Stanford designated as “Center of Excellence” by AstraZeneca under the collaboration</p> <p>Collaboration Award Period: 3-years</p> <p>Awarded Projects: 6 (2/year; each for a 1-year duration)</p> <p>Total Award Amount for Collaboration: \$2m</p>		Investigator		Project Title		Description																																						
		Year 1 (2016)	<u>Nigam Shah, PhD</u>		"Learning personalized treatment guidelines"		Develop methods of causal inference that are applicable to electronic health records. Generate human-readable clinical practice guidelines from causal models																																					
			<u>Mintu Turakhia, MD</u>		"Smartphone guided cardiac rehabilitation and medication adherence management after acute coronary syndrome"		Randomized controlled trial of the BrightHeart Program (app + personal health coach + online web platform) compared to usual care in patients post-PCI with primary outcomes of CV medication adherence and persistence																																					
		Year 2 (2017)	<u>Tina Hernandez-Boussard, PhD</u>		"Machine learning classifiers for automated staging of prostate cancer patients"		Build a tool that will automate the manual and extremely labor-intensive staging of prostate cancer, using clinical and pathological EHR data																																					
			<u>Daniel Rubin, MD</u>		"A system to enable distributed precision medicine"		Develop an analytical engine that can use multi-institutional EHR data to build statistical models that can improve decision making, without compromising data privacy (HIPAA) and concerns about data sharing																																					
		Year 3 (2018)	<u>Oliver Aalami, MD</u>		"Implementation of a Patient-Centered Distributed Clinical Trial/Registry to Optimize Follow-up and Patient Reported Outcomes Data Collection"		Real-time functional status tracking registry using VascTrac smartphone application for patients undergoing PAD, CABG, or TAVR interventions																																					
			<u>Joseph Wu, MD</u>		"Cardio-Oncology: Identifying Cardiac Safety Signals in Era of Precision Medicine"		Using precision medicine techniques to predict chemotherapy-induced cardiotoxicity (heart failure) risk																																					
		METHODS		STANFORD FACULTY TESTIMONY		FACULTY EXPERIENCE WITH THE RFP PROCESS																																						
		<p>The Request for Proposal announcement was sent electronically via Medicine listserv, Medicine Newsletter and on SCCR’s website.</p> <p>Eligibility:</p> <p>All Stanford Medicine faculty and instructors with PI eligibility</p> <p>Required Submission Format:</p> <p>Cover page; proposal; detailed budget & justification, PI(s) CV</p> <p>Project Selection Process:</p> <p>The Committee reviewed and evaluated all submitted proposals based on the pre-designated criteria and selected two projects each year for funding.</p>		<p><i>"I was part of the first cohort, so things were still informal, and processes being set up. The willingness to engage by the AZ team was great"</i></p> <p><i>"The project went well, administrative processes are efficient"</i></p> <p><i>"The continued communication with AZ is extremely helpful and aids in identifying other projects that might align with AZ"</i></p> <p><i>"The application was quite straightforward. Having received the award was a big positive! "</i></p> <p><i>" There were no issues in the mechanics of funding the application, support, or interactions with the sponsor. It was all outstanding and serves as a sound model going forward."</i></p>																																								
RFP METRICS (2016-2018)		COLLABORATION COMMITTEE MEMBERS				REASONS FOR SUCCESSES																																						
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						<ul style="list-style-type: none">• Funding provided by AstraZeneca• Operational design contributions provided by AstraZeneca• Significant contributions to the operations of the collaboration were provided by Amol Rajmane, MD																																						
						CONTACT																																						
						Nicole Ventre, MS: nventre@stanford.edu																																						