FAILURE RATES IN DIFFERENT CLASSIFICATIONS (GROUP 0-36)

Study	Events	Total	failure rate in subset Graf 4	Proportion	95%-CI
Kubo 2019	13	58		0.22	[0.13; 0.35]
Pospischill 2012	14	54		0.26	[0.15; 0.40]
Arneill 2021	22	35		0.63	[0.45; 0.79]
Talathi - US 2020	18	26		0.69	[0.48; 0.86]
Random effects model		**173**		**0.43**	**[0.15; 0.77]**
Prediction interval					**[0.01; 0.98]**

Heterogeneity: $I^2 = 89\%$ [74%; 95%], $\tau^2 = 0.7415$, $p < 0.01$

0   0.2   0.4   0.6   0.8   1

Study	Events	Total	failure rate in subset IHDI 2	Proportion	95%-CI
Yuan 2020	0	31		0.00	[0.00; 0.11]
Alassaf 2018	1	24		0.04	[0.00; 0.21]
Morris 2021	0	11		0.00	[0.00; 0.28]
Sankar 2019	0	7		0.00	[0.00; 0.41]
Talathi - X-ray 2020	1	11		0.09	[0.00; 0.41]
Ramo 2018	8	44		0.18	[0.08; 0.33]
Random effects model		**128**		**0.04**	**[0.00; 0.26]**
Prediction interval					**[0.00; 0.65]**

Heterogeneity: $I^2 = 0\%$ [0%; 75%], $\tau^2 = 1.1802$, $p = 0.78$

0   0.2   0.4   0.6   0.8   1

Study	Events	Total	failure rate in subset IHDI 3	Proportion	95%-CI
Sankar 2019	3	32		0.09	[0.02; 0.25]
Yuan 2020	10	94		0.11	[0.05; 0.19]
Alassaf 2018	7	56		0.12	[0.05; 0.24]
Morris 2021	10	55		0.18	[0.09; 0.31]
Ramo 2018	35	113		0.31	[0.23; 0.40]
Talathi - X-ray 2020	17	53		0.32	[0.20; 0.46]
Random effects model		**403**		**0.18**	**[0.10; 0.30]**
Prediction interval					**[0.04; 0.53]**

Heterogeneity: $I^2 = 76\%$ [46%; 89%], $\tau^2 = 0.2712$, $p < 0.01$

0   0.2   0.4   0.6   0.8   1

Study	Events	Total	failure rate in subset IHDI 4	Proportion	95%-CI
Yuan 2020	6	62		0.10	[0.04; 0.20]
Sankar 2019	3	18		0.17	[0.04; 0.41]
Alassaf 2018	37	84		0.44	[0.33; 0.55]
Morris 2021	24	50		0.48	[0.34; 0.63]
Ramo 2018	44	78		0.56	[0.45; 0.68]
Talathi - X-ray 2020	35	62		0.56	[0.43; 0.69]
Random effects model		**354**		**0.37**	**[0.18; 0.61]**
Prediction interval					**[0.04; 0.89]**

Heterogeneity: $I^2 = 86\%$ [71%; 93%], $\tau^2 = 0.7690$, $p < 0.01$

0   0.2   0.4   0.6   0.8   1

Study	Events	Total	failure rate in subset Tönnis 2	Proportion	95%-CI
Li 2019	2	136		0.01	[0.00; 0.05]
Li 2018	9	202		0.04	[0.02; 0.08]
Elghobashy 2021	2	33		0.06	[0.01; 0.20]
Daoud (36) 1996	1	14		0.07	[0.00; 0.34]
Tennant 2016	5	66		0.08	[0.03; 0.17]
Huang 1997	4	13		0.31	[0.09; 0.61]
Ramo 2018	51	160		0.32	[0.25; 0.40]
Sucato 2017	51	160		0.32	[0.25; 0.40]
Random effects model		**784**		**0.10**	**[0.04; 0.25]**
Prediction interval					**[0.01; 0.70]**
Heterogeneity: $I^2 = 91\%$ [84%; 95%], $\tau^2 = 1.3413$, $p < 0.01$					

Study	Events	Total	failure rate in subset Tönnis 3	Proportion	95%-CI
Li 2019	15	173		0.09	[0.05; 0.14]
Tennant 2016	10	61		0.16	[0.08; 0.28]
Daoud (36) 1996	2	11		0.18	[0.02; 0.52]
Barakat 2017	2	7		0.29	[0.04; 0.71]
Huang 1997	1	3		0.33	[0.01; 0.91]
Ramo 2018	18	43		0.42	[0.27; 0.58]
Sucato 2017	18	43		0.42	[0.27; 0.58]
Random effects model		**341**		**0.23**	**[0.12; 0.41]**
Prediction interval					**[0.04; 0.70]**
Heterogeneity: $I^2 = 83\%$ [67%; 92%], $\tau^2 = 0.5213$, $p < 0.01$					

Study	Events	Total	failure rate in subset Tönnis 4	Proportion	95%-CI
Barakat 2017	0	5		0.00	[0.00; 0.52]
Li 2019	1	11		0.09	[0.00; 0.41]
Huang 1997	0	1		0.00	[0.00; 0.97]
Ramo 2018	17	25		0.68	[0.46; 0.85]
Sucato 2017	17	25		0.68	[0.46; 0.85]
Daoud (36) 1996	7	10		0.70	[0.35; 0.93]
Tennant 2016	5	6		0.83	[0.36; 1.00]
Random effects model		**83**		**0.45**	**[0.13; 0.82]**
Prediction interval					**[0.01; 0.98]**
Heterogeneity: $I^2 = 32\%$ [0%; 71%], $\tau^2 = 2.1331$, $p = 0.18$					