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Haemostatic changes in patients with COVID-19: a meta-analysis with meta-regressions.

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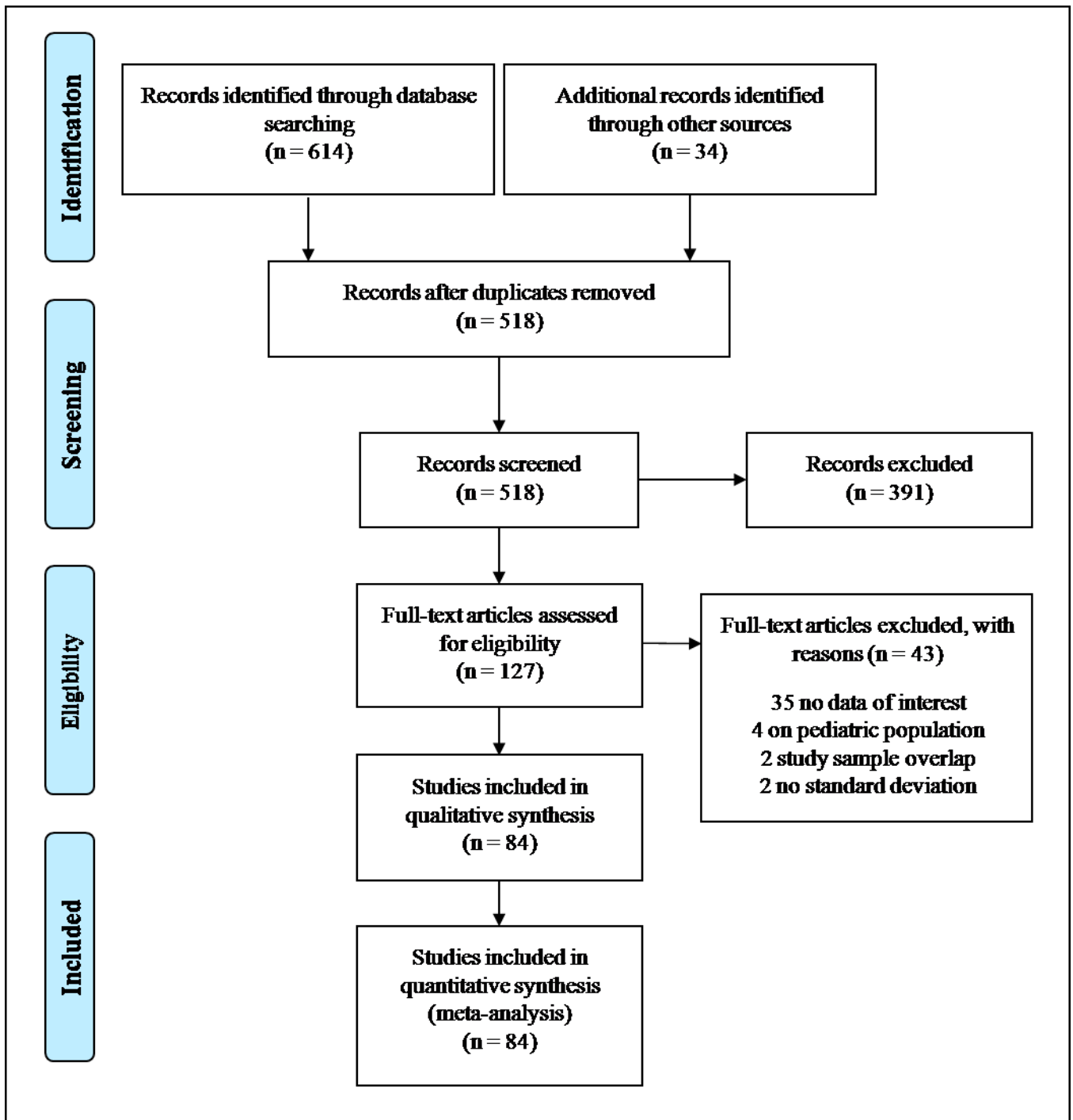
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23 Supplemental Figure 1. Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) flow
24 diagram.



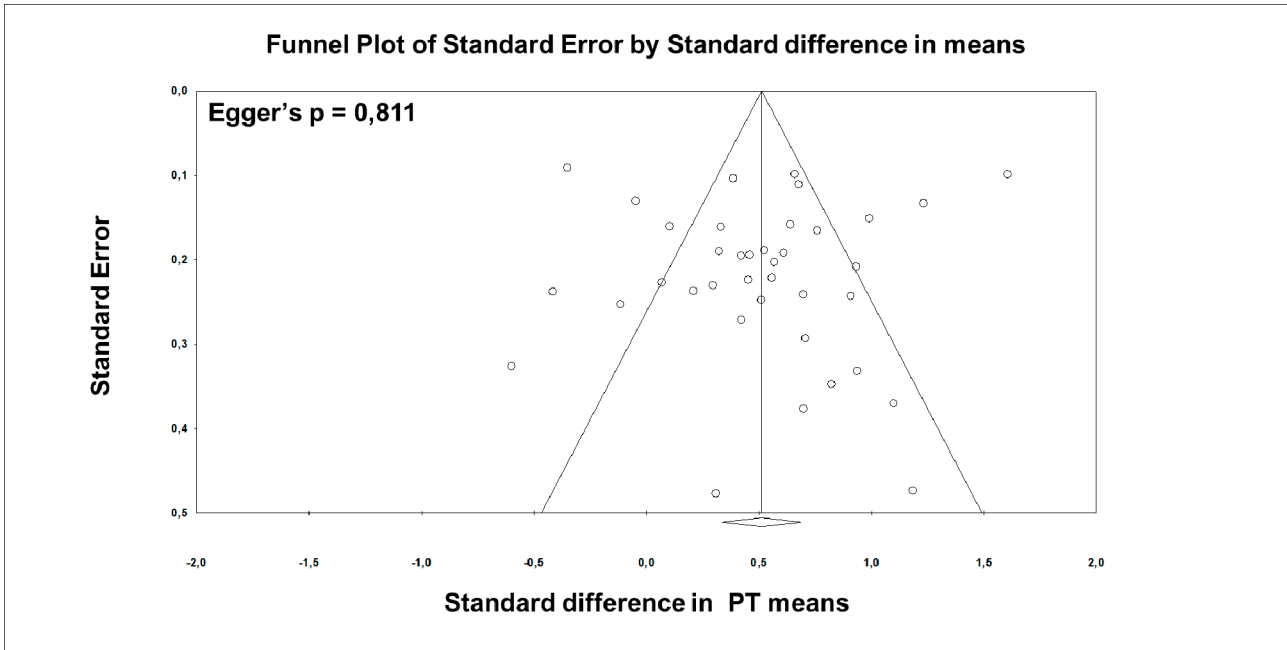
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27 Supplemental Figure 2. Funnel plots of effect size versus standard error for studies evaluating the difference in
28 prothrombin time (PT), activated partial thromboplastin time (aPTT), D-Dimer, platelet count and fibrinogen.

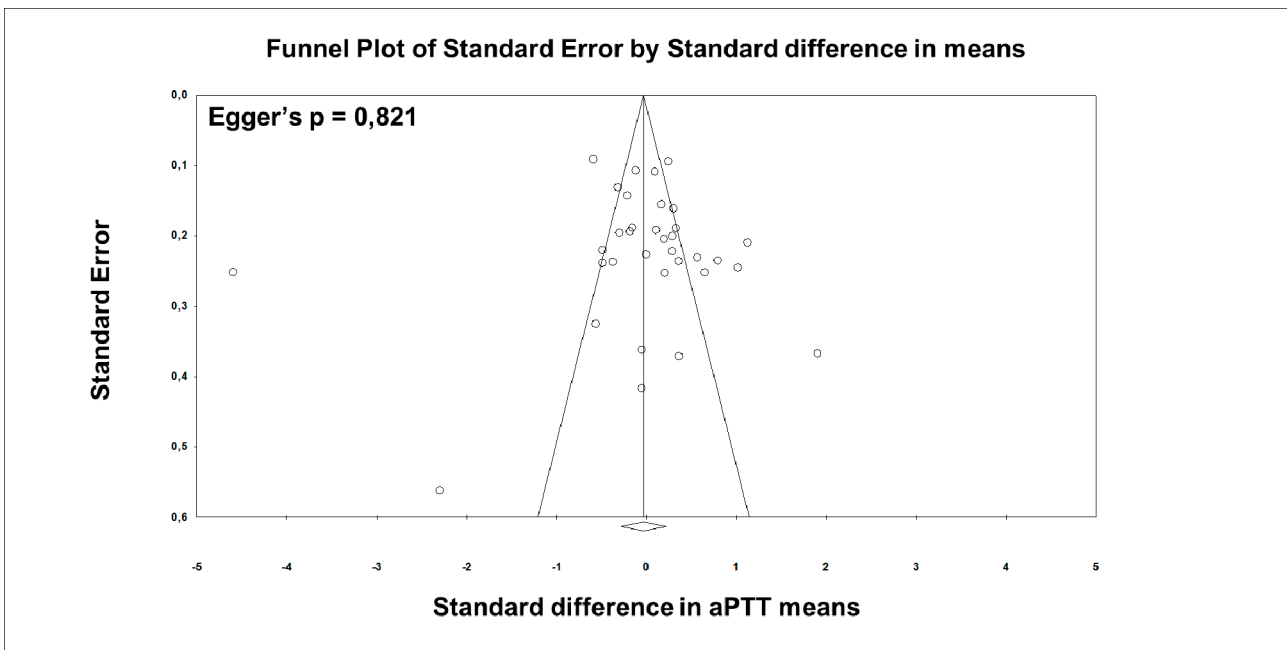
29 PT



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32 aPTT



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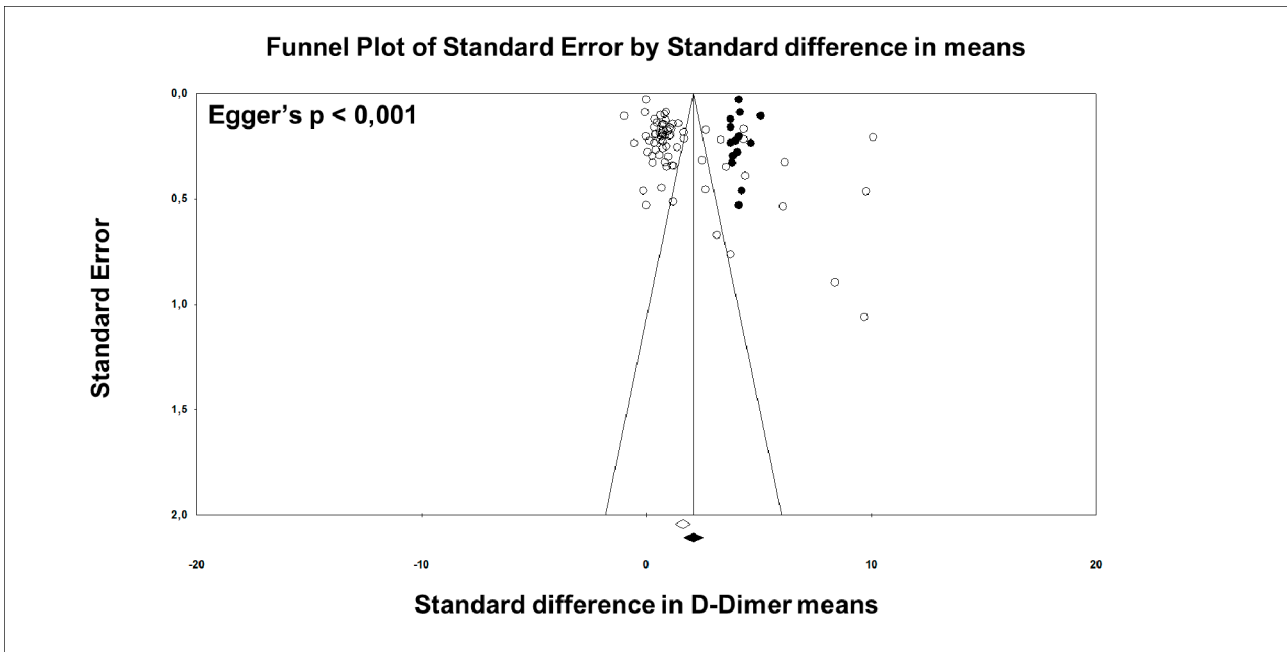
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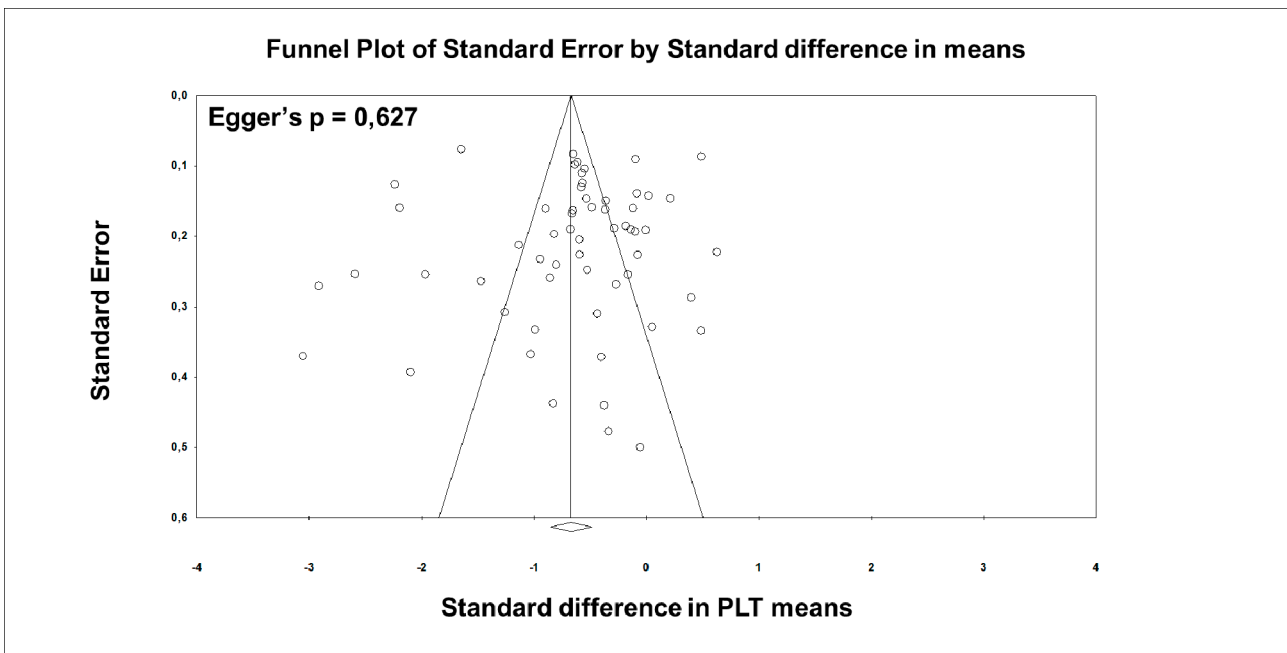


37 D-Dimer



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39 Platelet count



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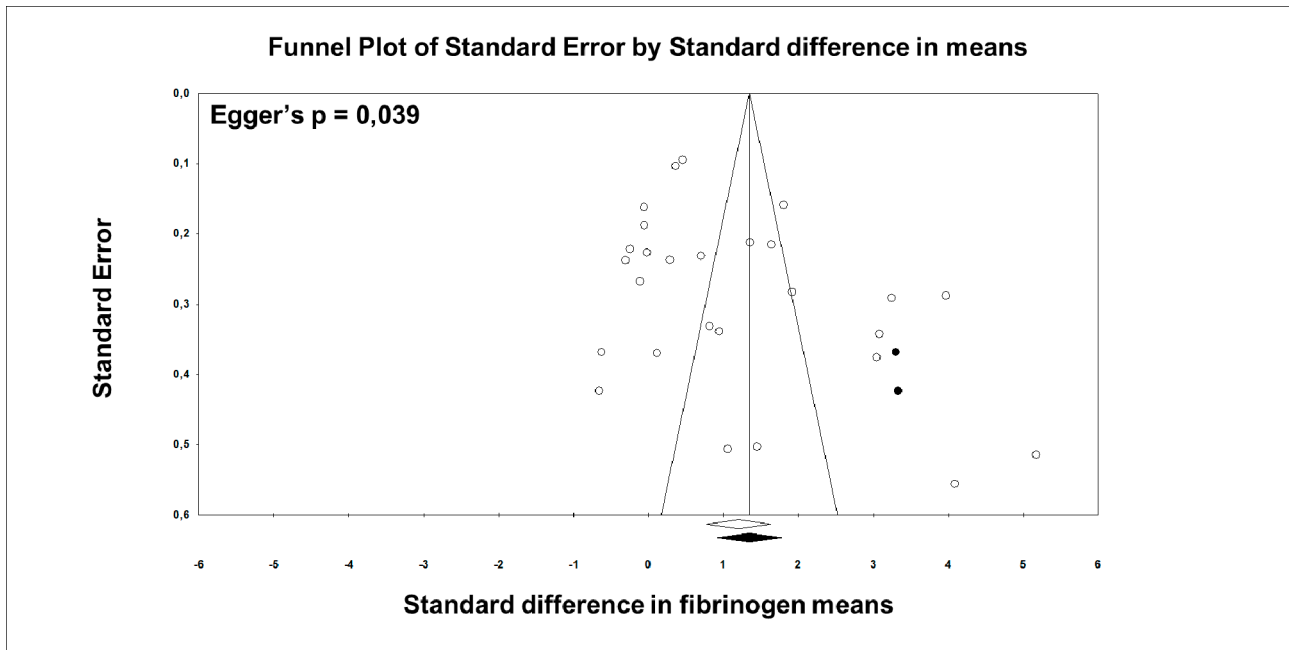
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46 Fibrinogen



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Supplemental Table 1. Meta-regression analyses. Impact of age, male gender, hypertension, diabetes, and C-reactive protein (CRP) on the difference in PT, D-Dimer, platelet count, and fibrinogen levels.

Dependent variables		Independent variables				
		Age	Male sex	Hypertension	Diabetes	CRP
PT	Z-value	1.04	-0.11	-0.65	-0.08	2.27
	P-value	0.299	0.915	0.513	0.935	0.023
aPTT	Z-value	-1.20	-1.28	1.03	-0.85	1.01
	P-value	0.229	0.202	0.301	0.396	0.314
D-Dimer	Z-value	-0.81	-2.43	-0.22	1.43	-1.15
	P-value	0.418	0.015	0.829	0.154	0.249
PLT	Z-value	0.53	1.97	-0.41	-0.76	0.50
	P-value	0.595	0.048	0.684	0.450	0.619
Fibrinogen	Z-value	-0.77	0.18	2.63	-1.35	2.89
	P-value	0.440	0.854	0.009	0.177	0.004

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Legend: CRP: C-reactive protein; PT: prothrombin time; aPTT partial thromboplastin PLT: platelet count.



53 Supplemental Table 2. PubMed search (June 16, 2020).

Keywords	Number of results
(COVID-19 OR SARS-CoV-2)	22,792
(COVID-19 OR SARS-CoV-2) AND (coagulative)	226
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation)	226
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic)	257
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic OR hemostasis)	279
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic OR hemostasis OR prothrombin time)	290
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic OR hemostasis OR prothrombin time OR activated partial thromboplastin time)	292
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic OR hemostasis OR prothrombin time OR activated partial thromboplastin time OR platelet)	369
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic OR hemostasis OR prothrombin time OR activated partial thromboplastin time OR platelet OR D-Dimer)	477
(COVID-19 OR SARS-CoV-2) AND (coagulative OR coagulation OR haemostatic OR hemostasis OR prothrombin time OR activated partial thromboplastin time OR platelet OR D-Dimer OR fibrinogen)	484